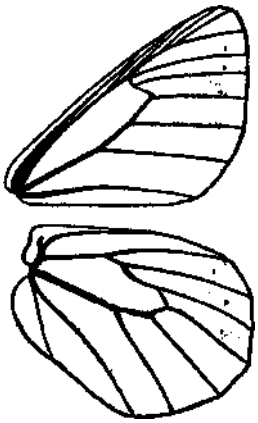

FIG. 122.—Neuration of the

and the hind margins very slightly if at all, sinuated. The nervules of the fore wings are slightly dilated toward the base; the hind wings are elongated, oval, with the outer margins evenly rounded. The color of these butterflies is some shade of brown; the outer margin is generally lighter than the base of the wing, and is marked with black spots, sometimes pupiled with white. The wings are generally marbled and mottled on the under side, and sometimes crossed on the middle of the hind wings by a broad band of darker color. The fringes are brown, checkered with white.

Egg.—The egg is ovate-spherical, higher than broad, marked on the side from the apex to the base with raised sculptured ridges. These eggs are deposited, so far as we have been able to learn, on dried grass and the stems of plants in proximity to the growing plants upon which the young caterpillars are destined to feed.

Caterpillar.—The head of the caterpillar when it emerges from the egg is somewhat larger than the rest of the body, but as it passes successive moults and attains maturity the relative thickness of the body increases, and the adult larva tapers a little from about the middle in either direction. The larvae are pale green or brown, marked by darker stripes upon the back and on the sides, the markings on the sides being in most species more conspicuous than those on the back. The species all feed on grasses.

Chrysalis.—The chrysalids are stout, very slightly angulated, and are formed, so far as we know, unattached, under stones and at the roots of grasses. When pupating, the caterpillar often makes for itself a slight depression or cell in the

soil, in which a few threads of silk have been deposited, though not enough to justify us in calling the structure a cocoon.

This genus is composed of butterflies which are mainly arctic in their habitat, or dwell upon the summits of lofty mountains,,, where the summer is but brief. Only a few species are found at comparatively low elevations, and these in British America, or